

a non-enzymatic bifunctional crosslinking agent; or a phenol oxidase and a phenol hydroxylase and optionally a cofactor;

wherein admixture of the first and second components forms a composition according to any of claims 1, or 2 [to 3 or 7 to 18].

38. (Amended) A kit for manufacture of an adhesive that comprises separate first and second components, the first component comprising an extensin protein, the second component comprising a non-enzymatic bifunctional crosslinking agent and a phenol oxidase and a phenol hydroxylase and optionally a cofactor, wherein admixture of the first and second components forms a composition according to [any claims 2, 3 or 7 to 18] claim 2.


#### REMARKS

The claims have been amended to remove improper multiple dependencies and correct other informalities. Favorable consideration is respectfully requested.

Applicants' undersigned attorney may be reached in our New York office at (212) 218-2100. All

correspondence should continue to be directed to our  
below-listed address.

Respectfully submitted,

  
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